



Massimiliano Bruni

Email: massimiliano.bruni@icloud.com | Mobile: +39 334 924 0665

PROFILE

I am a Software Engineer specialized in Machine Learning. During my career I have realized and put into production various projects, both proprietaries and Open Source. I love technology and I like working on innovative projects. I work methodically, precisely and with attention to details. I am rational, diligent, hard-working and pragmatic.

LINKS

Github://[Maxinho96](#)

LinkedIn://[Massimiliano Bruni](#)

Medium://[Massimiliano Bruni](#)

YouTube://[Massimiliano Bruni](#)

LANGUAGES

Italian: Native

English: Fluent (B2/C1 level)

SKILLS

HARD SKILLS

Advanced: Python • Machine Learning
FastAPI • Flask • AWS • Docker • Kubernetes
Airflow • Elasticsearch • Opensearch
Kibana • PostgreSQL • Linux • Bash • Git
Intermediate: Pandas • Polars • RabbitMQ
Huggingface Transformers • Rasa Chatbot
Basic: Golang • Java • Keras • TensorFlow
Terraform • Cloudformation • Logstash

SOFT SKILLS

Problem solving, for the Engineering studies.
Team working, for the projects I worked on.
Communication, for the experiences as private tutor and library assistant.
Learning, for my passion to discover the world.

CERTIFICATIONS

Year	Released by	Certificate
2024	AWS Certified	<i>Developer Associate</i>
2022	Rasa chatbot	<i>Rasa Developer Certification</i>
2021	Coursera	<i>Deep Learning Specialization</i>
2020	Italian State	<i>Software Engineering License</i>
2015	Cambridge	<i>B2 First</i>
2015	Cisco	<i>CCNA Discovery</i>

HOBBIES

Sports • Technology news • Videogames
Board games • Mangas • Hangout

EXPERIENCE

PRIMA ASSICURAZIONI

MACHINE LEARNING ENGINEER

Dec 2024 - present | Rome (Full Remote)

Technologies: **Python**

OUTFITTERY

SOFTWARE ENGINEER - MACHINE LEARNING

Dec 2022 - Nov 2024 | Berlin (Full Remote)

I have guided the migration of ML microservices and data pipelines to AWS and completely re-engineered their legacy architecture for better scalability, reliability and maintainability.
**Python • FastAPI • Flask • AWS • Docker • Kubernetes • Airflow • Opensearch • Kibana
PostgreSQL • Pandas • Polars • RabbitMQ • Terraform • Cloudformation**

HCL SOFTWARE

SOFTWARE ENGINEER - MACHINE LEARNING

May 2021 - Nov 2022 | Rome (Hybrid)

I was responsible of training models, engineering the backend and delivering Clara (a chatbot with custom machine translation) and AI Data Advisor (an anomaly detector).
**Python • Pandas • Huggingface Transformers • Rasa • FastAPI • Bash • Docker •
Kubernetes • Elasticsearch • Kibana • Logstash**

ASKDATA

MACHINE LEARNING ENGINEER

September 2020 - April 2021 | Rome (Full Remote)

I was responsible of R&D and engineering of Deep Learning models in the NLP field involving Summarization, Machine Translation, Named Entity Recognition and Semantic Similarity.
Python • Pandas • Huggingface Transformers • Flask • FastAPI

EDUCATION

ITALIAN RESEARCH CENTER (CNR)

ADVANCED SCHOOL IN ARTIFICIAL INTELLIGENCE

Practical school with focus on Machine Learning Applications.
October 2019 - April 2020 | Rome

UNIVERSITÀ DEGLI STUDI ROMA TRE

BACHELOR'S AND MASTER'S DEGREE IN COMPUTER SCIENCE ENGINEERING

September 2015 - July 2020 | Rome
Grade: 110/110 cum laude

PROJECTS & OPEN SOURCE CONTRIBUTIONS

CLARA (LINK)

A chatbot virtual assistant for Workload Automation.

AI DATA ADVISOR (LINK)

An Anomaly Detection System for Workload Automation.

HUMAN2SQL (LINK)

Translation from spoken language to SQL language.

VIDEO SURVEILLANCE SYSTEM (LINK)

OBJECT DETECTION WITH DRONE (LINK)

TELEGRAM BOT: IMAGE CLASSIFIER (LINK)

TRAINING GROUNDS (LINK)

Outfittery's Data Science Framework.

RASA CHATBOT FRAMEWORK (LINK)

HUGGINGFACE TRANSFORMERS (LINK)

YOLOV3 TENSORFLOW IMPLEMENTATION (LINK)

I authorize to use and process my personal details contained in this document.